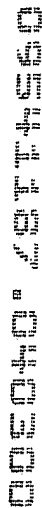
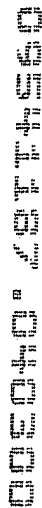


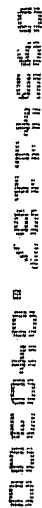
1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation



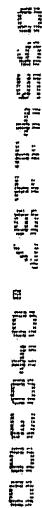
1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation



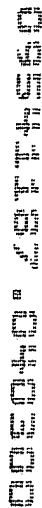
THE



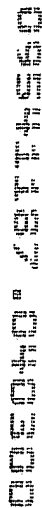
THE



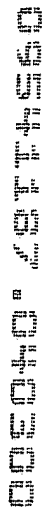
THE



THE



THE



1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a continuous function and that it satisfies the functional equation $f(x+y) = f(x) + f(y)$.

Figure 1. Cable System - Prior Art

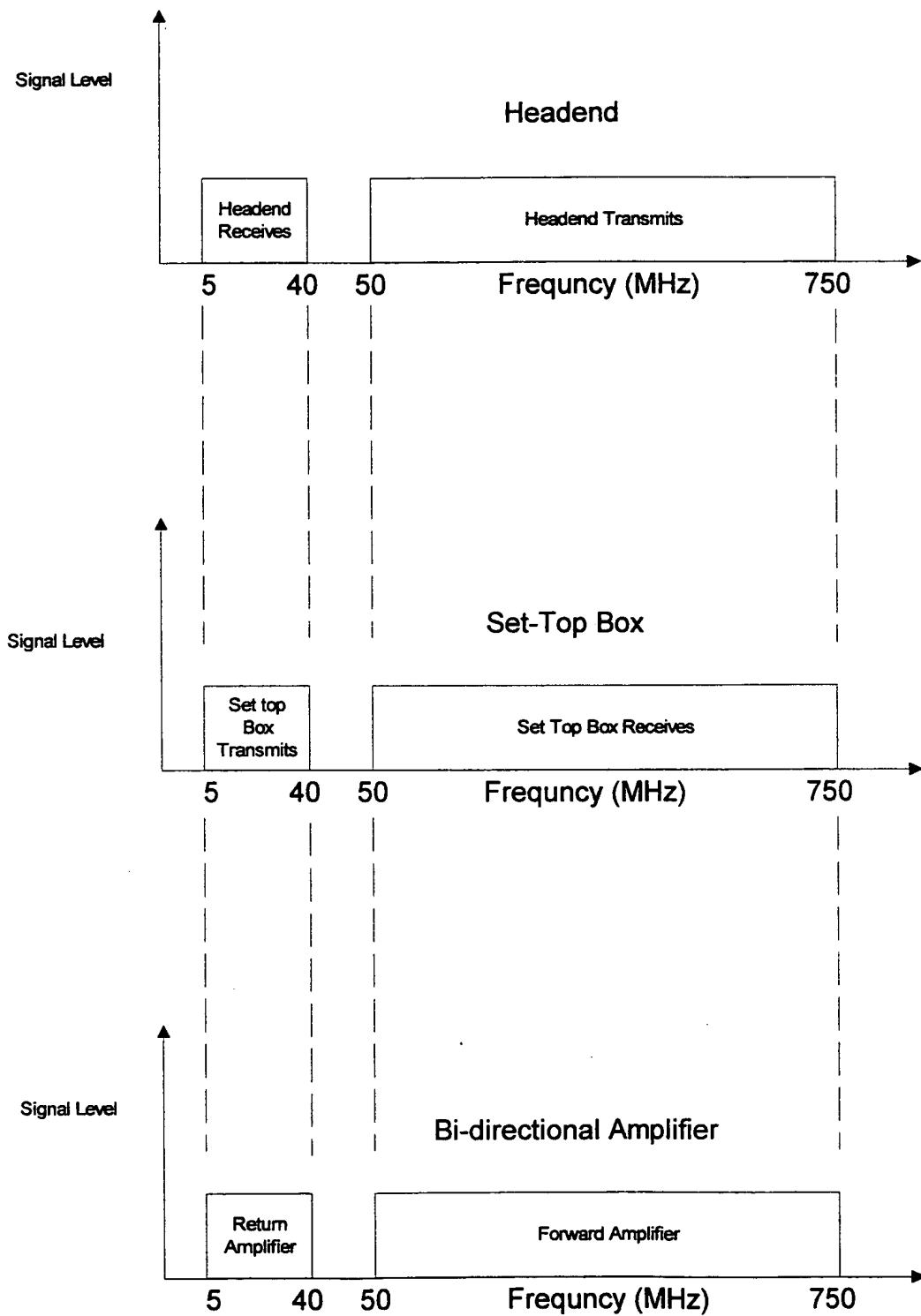
[illegible]

Fig. 3

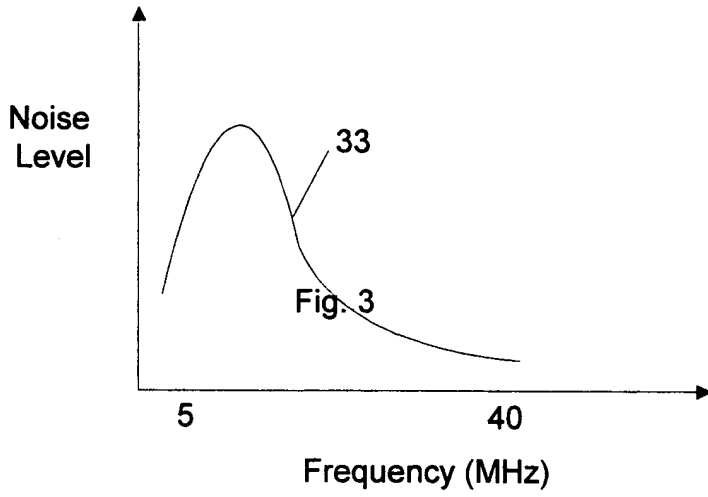


Fig. 6

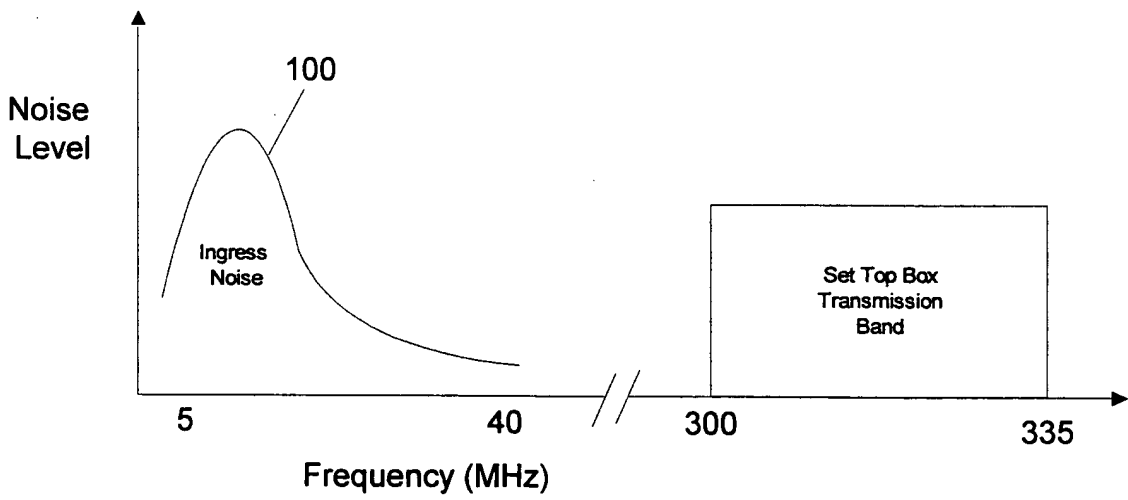


Figure 4.

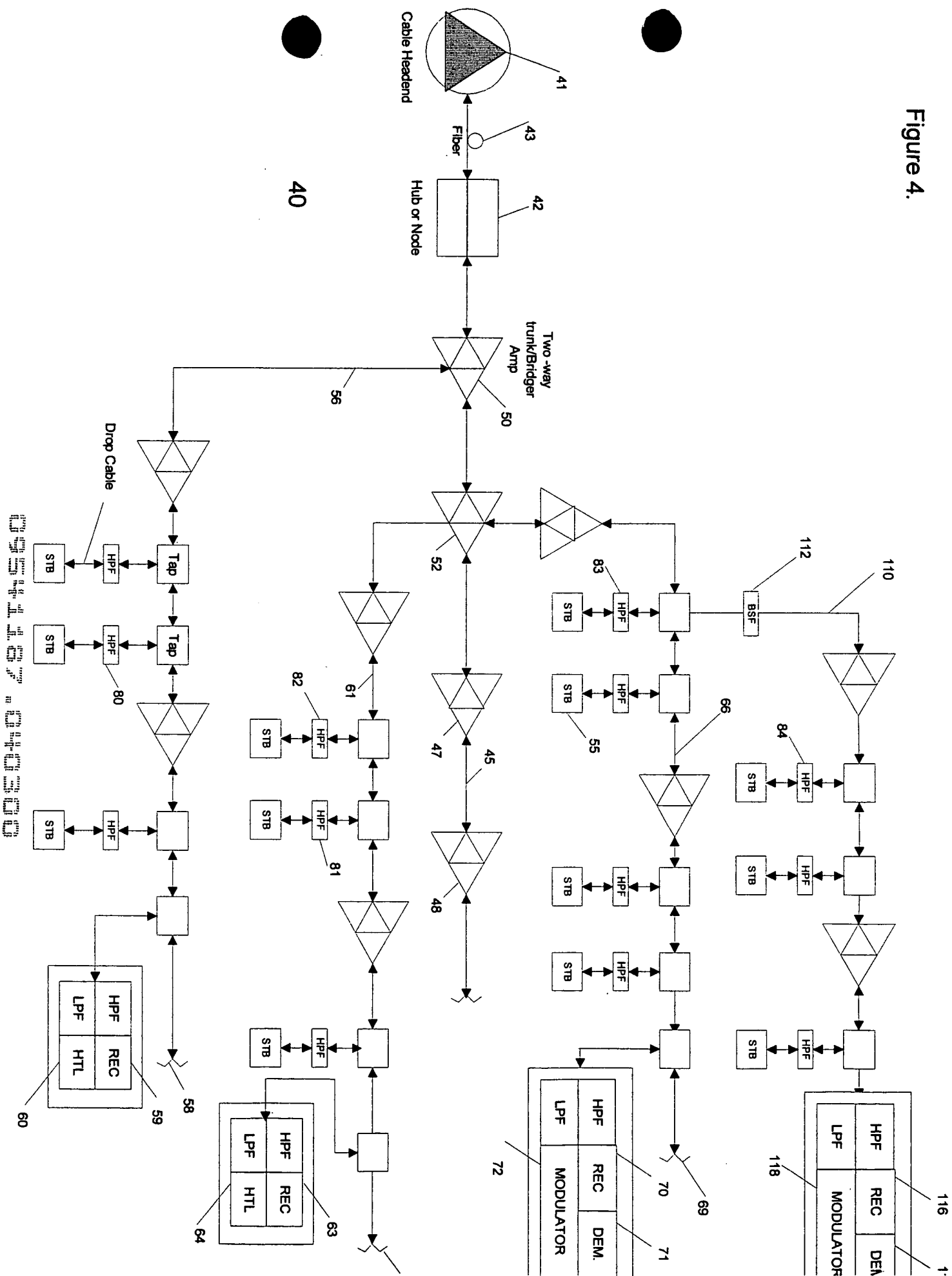


Fig. 5

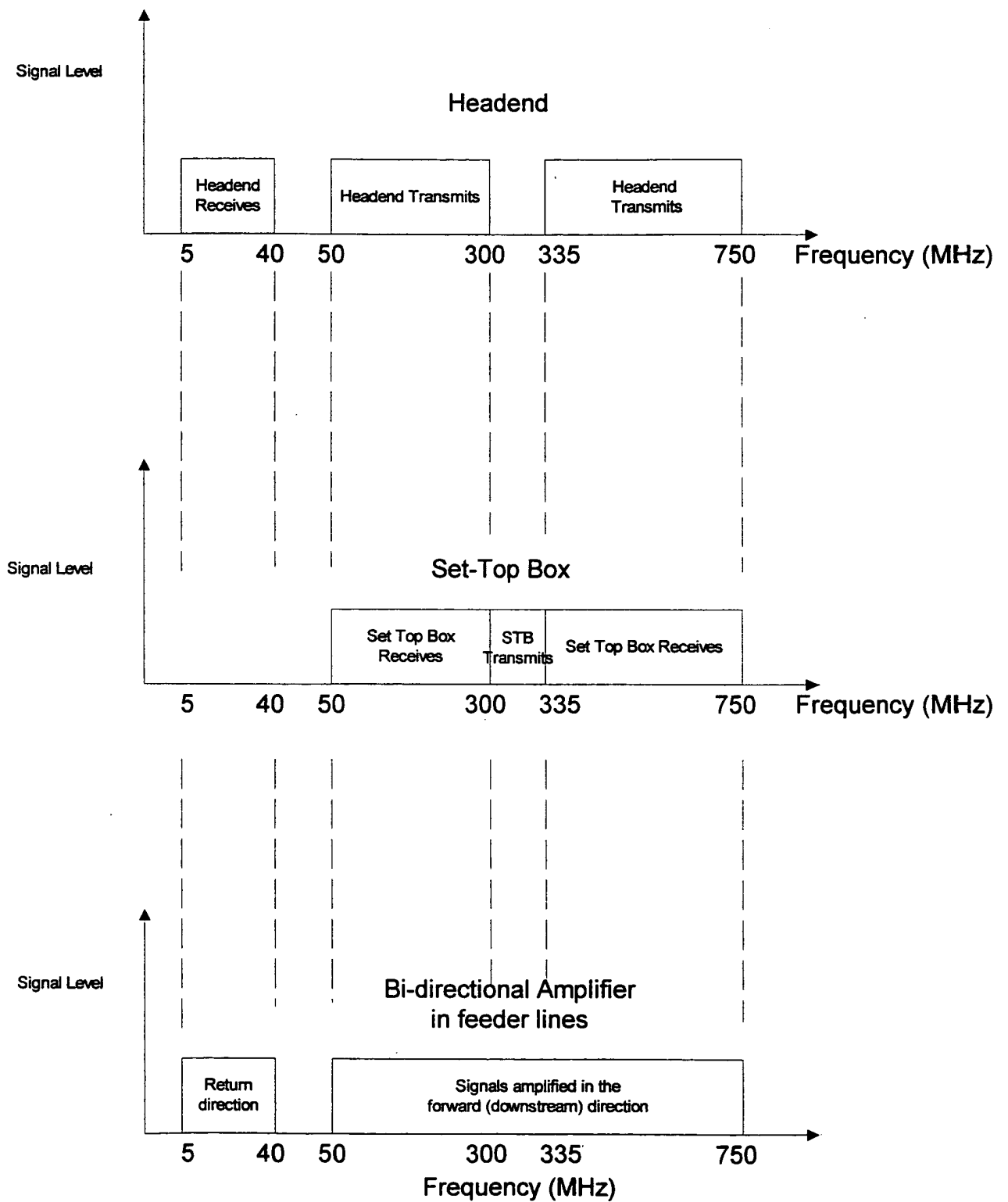


Fig. 7

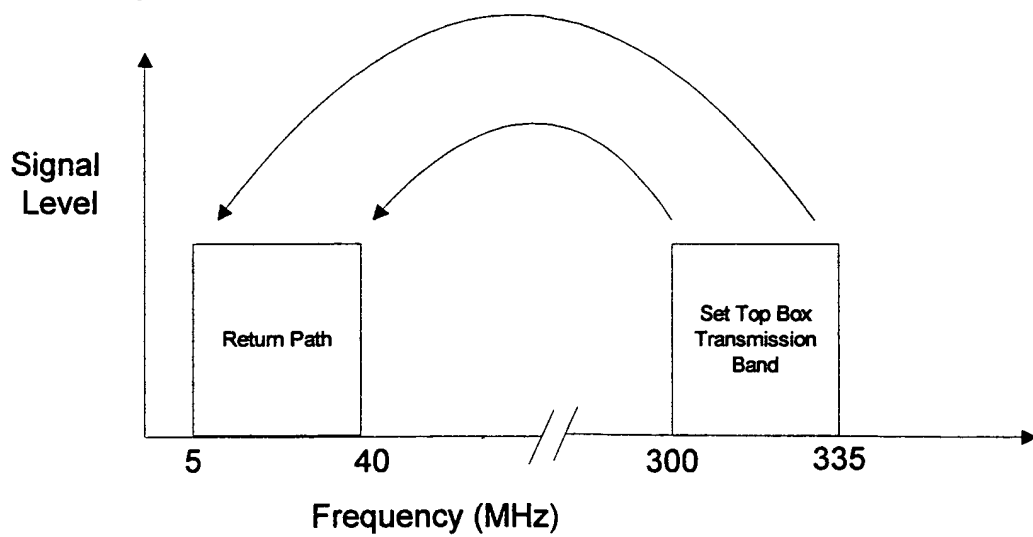


Fig. 8

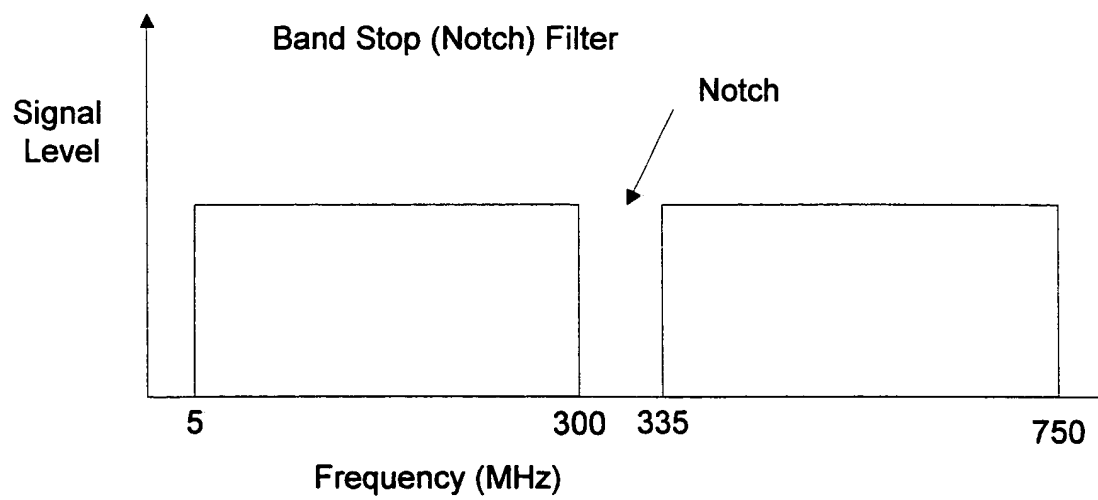


Fig. 9 - Prior Art Set Top Box

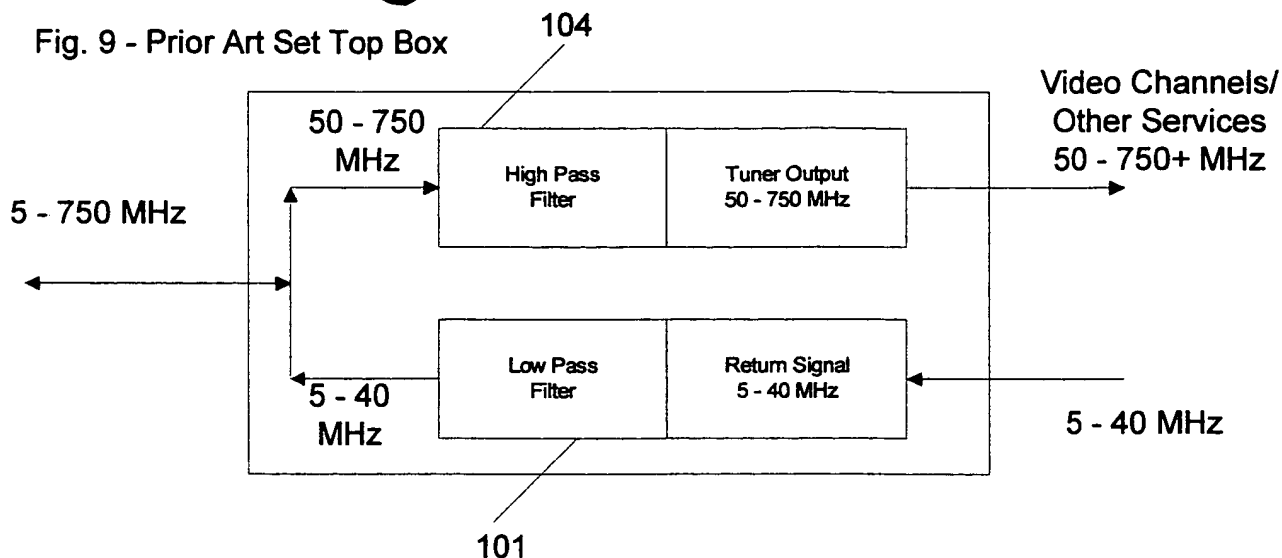


Fig. 10 - Set Top Box

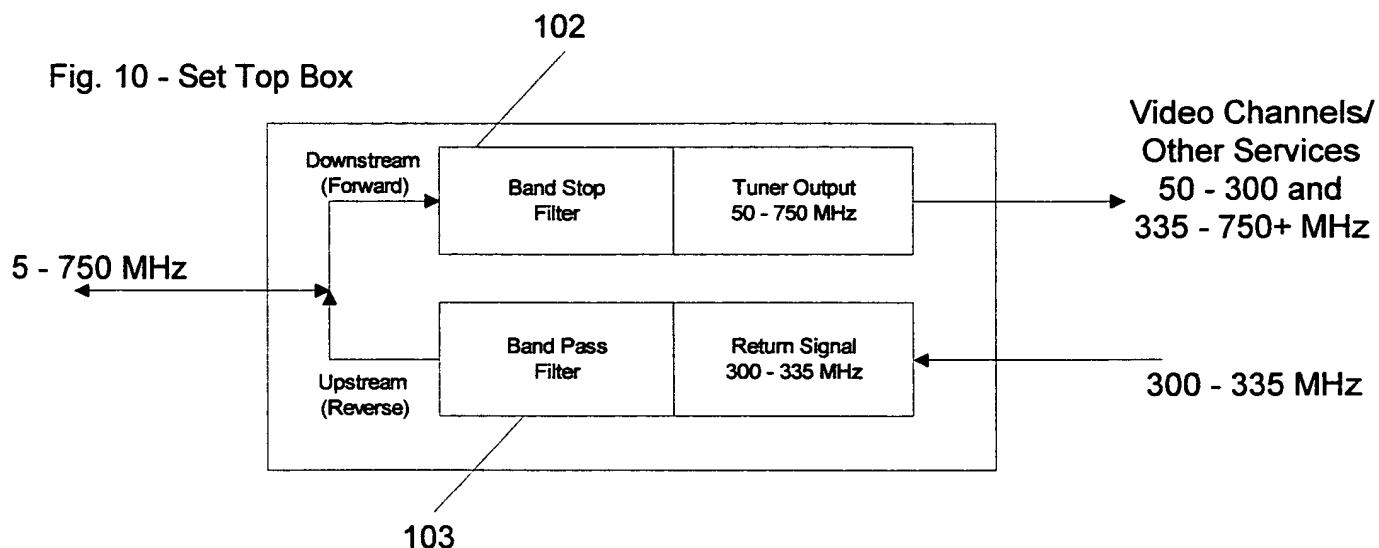


Fig. 11 - Set Top Box

